

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Bone et al.

Group Art Unit: 1647

Serial Number: 10/522,396

Examiner: Not Yet Assigned

Filing Date: August 16, 2005

CONFIRMATION NO: 6315

Title: Method for Determining the Regulation of
Xenobiotic Removal

E-filed on January 25, 2006

Signature Ann Lygas Printed Name Ann Lygas

Mail Stop IDS
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97

Sir:

Applicants hereby submit an Information Disclosure Statement along with attached forms PTO/SB/08A. A copy of each listed publication is being submitted, if required, pursuant to 37 C.F.R. §§1.97-1.98, as indicated below.

Applicants respectfully requests that the listed information be considered by the Examiner and be made of record in the above-identified application. Applicants further request that the Examiner initial and return the attached forms PTO/SB/08 in accordance with MPEP §609.

Applicants reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, prior art or material to patentability as defined in §1.56.

37 CFR §1.97(b). This Information Disclosure Statement should be considered by the Office because:

- (1) It is being filed within 3 months of the application filing date of a national application and is other than a continued prosecution application under §1.53(d);
– OR –
- (2) It is being filed within 3 months of entry of a national stage as set forth in §1.491 in an international application;
– OR –
- (3) It is being filed before the mailing date of the first Office Action on the merits;
– OR –
- (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under §1.114.

37 CFR §1.97(c). Although this Information Disclosure Statement is being filed after the period specified in 37 CFR §1.97(b), above, it is filed before the mailing date of the earlier of (1) a final office action under §1.113, (2) a notice of allowance under §1.311, or (3) an action that otherwise closes prosecution on the merits, this Information Disclosure Statement should be considered because it is accompanied by one of:

- a certification as specified in §1.97(e) provided concurrently herewith;
– OR –
- a fee of \$180.00 as set forth in §1.17(p) authorized below, enclosed, or included with the payment of other papers filed together with this statement.

37 CFR §1.97(d). Although this Information Disclosure Statement is being filed after the mailing date of the earlier of (1) a final office action under §1.113 or (2) a notice of allowance under §1.311, it is being filed before payment of the issue fee and should be considered because it is accompanied by:

- A. a certification as specified in §1.97(e); and
- B. a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this Statement.

37 CFR §1.97(e). A certification signed by an Attorney of Record is provided herewith as required under 37 CFR §§1.97(b) and (c).

37 CFR §1.98(a)(2). The content of the Information Disclosure Statement is as follows:

- Copies of each of the references listed on the attached Form PTO/SB/08A are enclosed herewith.
– OR –
- Copies of U.S. Patent Documents (issued patents and patent publications) listed on the attached Form PTO/SB/08A are NOT enclosed.
– AND/OR –
- Copies of Foreign Patent Documents and/or Non Patent Literature Documents listed on the attached Form PTO/SB/08A are enclosed in accordance with 37 CFR §1.98(a)(2).
– AND/OR –
- Copies of pending unpublished U.S. patent applications are enclosed in accordance with 37 CFR §1.98(a)(2)(iii).

- 37 CFR §1.98(a)(3). The Information Disclosure Statement includes non-English patents and/or references.
- Pursuant to 37 CFR §1.98(a)(3)(i), a concise explanation of the relevance of each patent, publication or other information provided that is not in English is provided herewith.
- Pursuant to 37 CFR §1.98(a)(3)(ii), a copy of a translation of the non-English language reference(s) is provided herewith
- Attached is a copy of the EP search report(s) from a corresponding patent application(s).
- Fee Authorization.* The Commissioner is hereby authorized to charge the above-referenced fees of \$0.00 and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 23-2415 (Docket No.30923-713.833.)

Respectfully submitted,

WILSON SONSINI GOODRICH & ROSATI

Dated: January 25, 2006

By: Samir Elamrani
Samir Elamrani, Ph.D.
Reg. No. 43,601

650 Page Mill Road
Palo Alto, CA 94304-1050
(650) 493-9300
Customer No. 021971

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | |
|------------------------------|---|----|--------------------------|------------------------|
| Substitute for form 1449/PTO | | | Complete if Known | |
| | | | Application Number | 10/522,396 |
| | | | Filing Date | August 16, 2005 |
| | | | First Named Inventor | Bone et al. |
| | | | Art Unit | 1647 |
| | | | Examiner Name | Not Yet Assigned |
| Sheet | 1 | of | 2 | Attorney Docket Number |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|------------------|---|---|
| | | Number-Kind Code ² (if known) | MM-DD-YYYY | | |
| 1 | US-2002-048811 | | 04-25-2002 | Devreotes et al. | |
| | US- | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁴ |
|--------------------|-----------------------|--|------------------|---|---|----------------|
| | | Country Code - Number - Kind Code (if known) | MM-DD-YYYY | | | |
| 2 | WO-02-103321 | | 12-27-2002 | Anadys Pharmaceuticals, Inc. | | |
| 3 | WO-99-27365 | | 06-03-1999 | Tularik Inc. | | |
| 4 | WO-97-42500 | | 11-13-1997 | 3-Dimensional Pharmaceuticals, Inc. | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| Examiner Signature | Date Considered |
|--------------------|-----------------|
| | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|---|--------------------------|------------------|
| Substitute for form 1449/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | | | Application Number | 10/522,396 |
| | | | | Filing Date | August 16, 2005 |
| | | | | First Named Inventor | Bone et al. |
| | | | | Art Unit | 1647 |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 2 | of | 2 | Attorney Docket Number | 30923-713.833 |

| NON PATENT LITERATURE DOCUMENTS | | | | | |
|--|-----------------------|---|--|-----------------|----------------|
| Examiner Initials* | Cite No. ^t | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | T ^d |
| | 5 | GREENFIELD et al., "Increase in the Stability and Helical Content of Estrogen Receptor alpha in the Presence of the Estrogen Response Element: Analysis by Circular Dichroism Spectroscopy," Biochemistry 2001, 40, 6646-6652 | | | |
| | 6 | ZHANG, Y. and ZHANG, Z., "Low-Affinity Binding Determined by Titration Calorimetry Using a High-Affinity Coupling Ligand: A Thermodynamic Study of Ligand Binding to Protein Tyrosine Phosphatase 1B ¹ | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Examiner signature | | | | Date Considered | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^tApplicant's unique citation designation for other (optional). ¹Applicant is to place a check mark here if English language Translation is attached.
The collection of information is mandatory by 37 CFR 1.96. This collection is mandatory to obtain a benefit in which a to file (and by the USPTO to process) an application. Confidentiality is guaranteed under 35 U.S.C. 122 and 37 CFR 1.14. The collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comment on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.